



STATE OF OHIO
ENVIRONMENTAL PROTECTION AGENCY

OFFICE OF SPECIAL INVESTIGATIONS
SOUTHWEST DISTRICT OFFICE

SI David Combs

FIELD REPORT

On April 22, 2010 David Combs (OSI) collected samples with DHWM staff for the Multi Service (MS) project in Dayton. The DHWM staff that assisted were George Strobel, Cathy Altman, Jeff Smith and Jeff Stark. Access to the facility was made available by Multi Service. Melvin Tatman (owner) signed a consent to search agreement prior to the collection of samples and the consent was witnessed by his attorneys', Daniel Brown and Timothy Hoffman. The following is a summary of the sample collection process conducted for the event. All samples were collected by Combs.

- Sample # MS01 was collected in the lab at SWDO, DI water was run through the deconned bacon bomb #1 and collected in a new glass liter jar, the sample was photographed
- Sample # MS02 was collected in the lab at SWDO, DI water was run through the deconned bacon bomb #2 and collected in a new glass liter jar, the sample was photographed
- Sample # MS03 was collected from the in floor waste water sump (approximately 10 feet deep), the sample was collected with new liter glass jar tied to a string (initially a new Coliwasa was tried but due to the amount of sludge in the bottom of the sump {2 feet} collection of the liquid on top was not feasible with the Coliwasa), the jar was lowered into the liquid (about 6 to 8 inches deep, black oily) multiple times, and sample jars were filled, one sample was collected for MS in a plastic (500 ml) jar provided by the company (the jar had visible evidence of previous use), alternately waste from the collection jar was placed in the MS jar and the OEPA (new glass liter) jars till the sample containers were full, OEPA collected 4 liter jars for their analysis, PID readings in the BZ were 7 to 8, PID readings below the floor in the pit peaked at 405, during the sample collection the PID readings ranged from 25.7 to 27, the samples were bilayered with a dark black layer above a lighter brown layer, the sample site and the samples were documented by photography
- Sample # MS04 was collected from the WWTU (DAF tank, approximately 8'x4'X18'), the sample was collected with a new Coliwasa, the sample was collected in the portion of the DAF identified as the effluent chamber, there was about 20 inches of black/brown/oily liquid in this compartment of the DAF, multiple grabs were collected with the Coliwasa and place alternately into the MS jar and the OEPA jars, the MS jar was plastic (the jar had visible evidence of

previous use) and about 500 ml in volume, OEPA collected 4 liter jars for their analysis, PID readings in the BZ next to the DAF ranged from 27.9 to 10.6 during sampling, PID readings below the edge of the DAF ranged from 72 to 50.3, the samples were bilayered with a dark black layer below a lighter grey layer, the sample site and the samples were documented by photography

- Sample # MS05 was collected from the “chemical mix tank” associated with the WWTU, the sample was collected with a new Coliwasa, the sample was collected from the man way in the top of the tank (approximately 12'X6'in dia), The tank contained about 5 feet of waste, the top two feet being an oily black liquid, the bottom 3 feet being sludge, multiple grabs were collected with the Coliwasa and placed alternately into the MS jar and the OEPA jars, the MS jar was plastic (the jar had visible evidence of previous use) and about 500 ml in volume, OEPA collected 4 liter jars for their analysis, PID readings in the BZ next to the tank ranged from 7 to 14, PID readings below the edge of the man way in the tank ranged from 300 to 441, the samples were dark black/grey in colour, the sample site and the samples were documented by photography
- Sample # MS06 was collected from the “equalization tank #2” associated with the WWTU, the tank was about 22' tall and had about 22,000 gallon capacity and was constructed as an open top tank made out of fiberglass, the tank contained about 5.5' of waste sludge with about 3.5' of waste liquid on top, the sample was collected with bacon bomb #1 attached to a SS surveyors tape, the bomb was lowered until it was just submerged (about 13') in the liquid and a grab was collected then distributed to all of the sample bottles (4 new glass liter jars for OEPA and one poly used 500ml provided by MS, the jar had visible evidence of previous use), the next grab was collected at the 15 to 16 foot level (from top of tank) and distributed to all of the sample bottles, the next grab was collected at the 17 foot level and distributed to all of the sample bottles, the process (top, middle, bottom) was repeated 4 times until all sample bottles were mostly full, PID readings in the BZ next to the EQ tanks ranged from 9.2 to 27.5, the PID readings in the tank ranged from 27 to 28, the samples were dark black/grey in colour, the sample site and the samples were documented by photography
- Sample # MS07 was collected from the “equalization tank #1” associated with the WWTU, the tank was about 22' tall and had about 22,000 gallon capacity and was constructed as open top tank made out of fiberglass, the tank contained about 7' of waste sludge with about 0.5' of waste liquid on top, the sample was collected with bacon bomb #2 attached to a SS surveyors tape, the bomb was lowered until it was just submerged in the liquid and a grab was collected then distributed to all of the sample bottles, this process was repeated until both sample bottles were mostly full, one poly used 500ml for MS (the jar had visible evidence of previous use), and one new glass liter jar for OEPA, PID readings in the BZ next to the EQ tanks ranged from 9.2 to 27.5, the PID readings in the

tank was 45.6, the samples were dark black/grey in colour, the sample site and the sample was documented by photography

All OEPA samples were placed in an iced cooler locked in the rear of the OSI truck by Jeff Smith. The samples were then transported to the SWDO where evidence tape was secured to all OEPA samples and the samples were photographed before being placed in the iced cooler for transportation to the lab. Multi Service provided bottles for their samples that OEPA collected for them. All MS samples were given to Joe LaMantia who was the former facility manager.

April 22, 2010, Multi-Service Sampling Event Photo Log

All photos taken by Cathy Altman

Picture 001: MS01 rinsate sample, with Bacon Bomb #1, Ohio EPA, SWDO Lab

Picture 002: MS02 rinsate sample, with Bacon Bomb #2, Ohio EPA, SWDO Lab

Picture 003: Floor pit, sampling location of MS03

Picture 004: Floor pit, sampling location of MS03

Picture 005: MS03 samples, sampling jar, and Floor pit

Picture 006: MS04 samples, sampling Coliwasa, and sample location - Effluent chamber of WWTU

Picture 007: MS05 samples and sample location – Chemical Mix tank

Picture 008: MS06 samples and sample location – Equalization tank #2

Picture 009: MS07 samples and sample location – Equalization tank #1

Picture 010: Floor pit – sample location for MS03

Picture 011: WWTU – sample location for MS04

Picture 012: Chemical Mix tank – sample location for MS05

Picture 013: Equalization tank #2 – sample location for MS06

Picture 014: Equalization tank #1 – sample location for MS07

Picture 015: Samples MS01 thru MS07 with evidence tape, preparation for shipment to lab

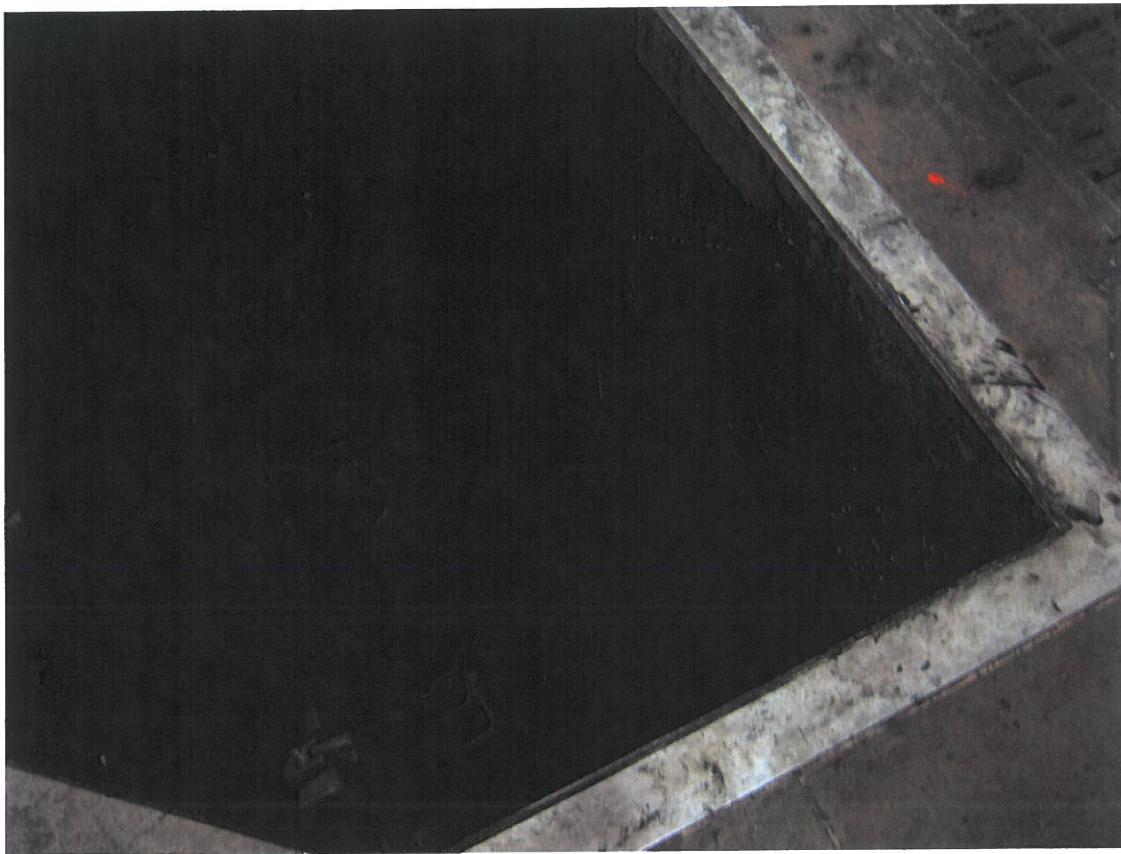
April 22, 2010, Sampling Event at Multi-Service



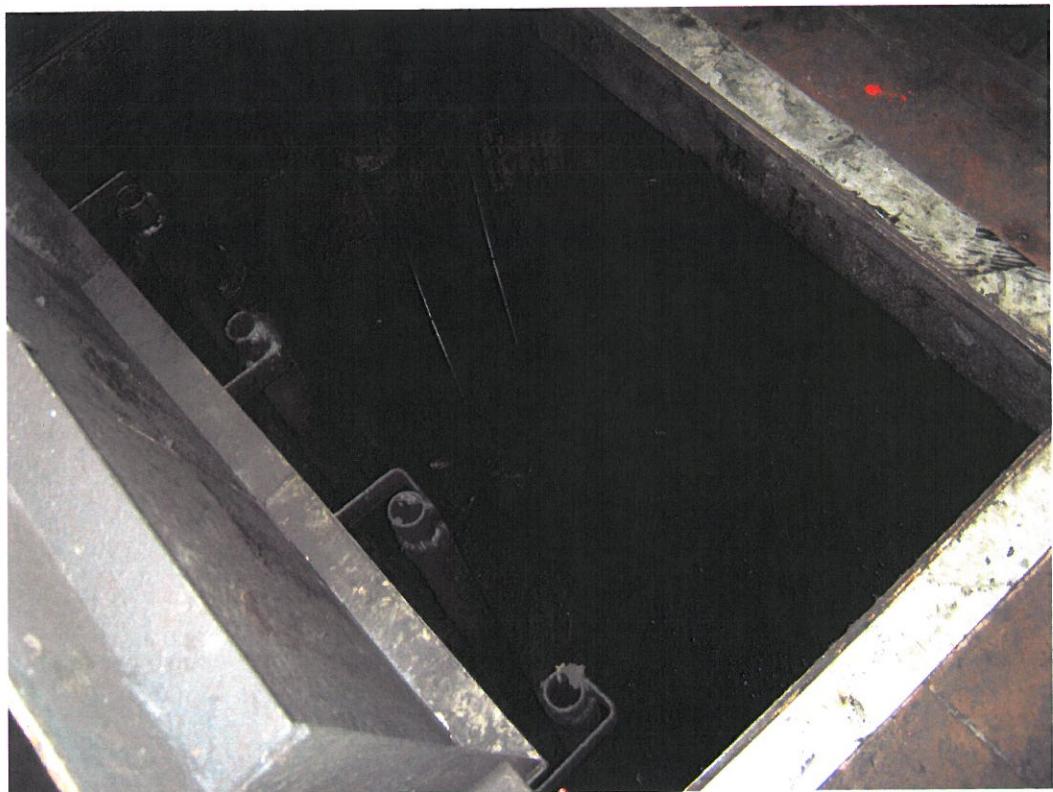
Picture 001



Picture 002



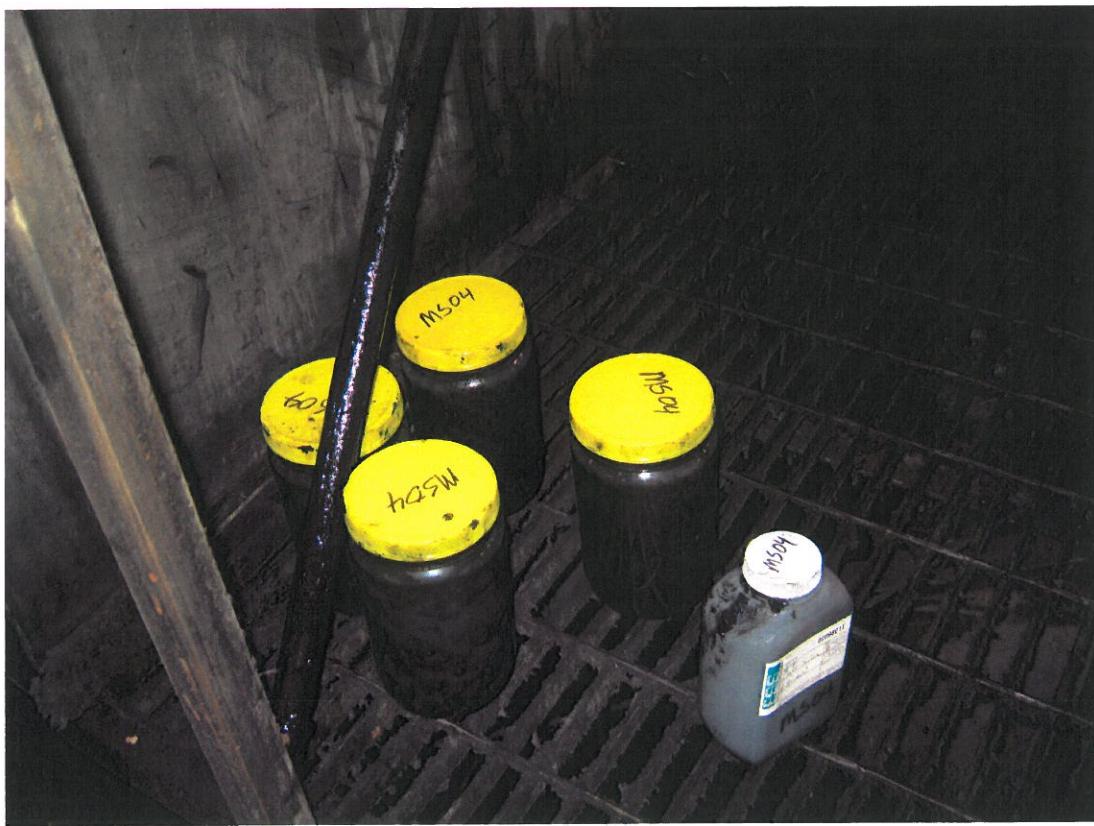
Picture 003



Picture 004



Picture 005



Picture 006



Picture 007



Picture 008



Picture 009



Picture 010



Picture 011



Picture 012



Picture 013



Picture 014



Picture 015



Pace Analytical Services, Inc.
1233 Dublin Road
Columbus, Ohio 43215
Phone: 614.486.5421
Fax: 614.486.5478

Thursday, May 06, 2010

Jeff Smith
EPA Southwest District Office
401 E. 5th Street
Dayton, OH 45402

TEL: (937) 285-6070
FAX: (937) 285-9769

RE: ASW042210 Multiservice

Order No.: 1004440

Dear Jeff Smith:

Pace Analytical Services Inc. received 9 sample(s) on 4/23/2010 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications. Any exception would be noted in a Case Narrative.

We appreciate the opportunity to assist you. If you have any questions regarding this report, please contact the Laboratory at (614)-486-5421.

Sincerely,

Martha Innes

Martha Innes
QA/QC Scientist

CLIENT: EPA Southwest District Office
Project: ASW042210 Multiservice
Project Contact: Jeff Smith
Lab Order: 1004440

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
1004440-001A	MS01	Aqueous	4/22/2010	4/23/2010
1004440-002A	MS02	Aqueous	4/22/2010	4/23/2010
1004440-003A	MS03	Aqueous	4/22/2010	4/23/2010
1004440-004A	MS04	Aqueous	4/22/2010	4/23/2010
1004440-005A	MS05	Aqueous	4/22/2010	4/23/2010
1004440-006A	MS06	Aqueous	4/22/2010	4/23/2010
1004440-007A	MS07	Aqueous	4/22/2010	4/23/2010
1004440-008A	MS08	Aqueous	4/23/2010	4/23/2010
1004440-009A	MS09	Aqueous	4/23/2010	4/23/2010

CLIENT: EPA Southwest District Office
Project: ASW042210 Multiservice
Project Contact: Jeff Smith
Lab Order: 1004440

CASE NARRATIVE

The following report contains the analytical results for samples submitted to Alpha Omega Environmental Laboratory. The samples were received according to documented sample acceptance procedures and were analyzed in accordance with Ohio EPA protocols, where applicable.

Alpha Omega Environmental Laboratory utilizes USEPA-OEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the Chain of Custody.

Alpha Omega Environmental Laboratory attests to the validity of the laboratory data generated and reported herein. All analyses performed by Alpha Omega Environmental Laboratory were done using established laboratory SOP's that incorporate QA/QC procedures described in the applicable methods. Alpha Omega Environmental Laboratory's QA/QC Manager has reviewed the data for compliance with the laboratory's QA/QC plan, and the data have been found to be compliant with laboratory protocols unless otherwise noted.

The complex matrix of the samples required dilutions be made prior to digestion for metals analysis. Addition dilution for the analysis of Barium was required post digestion, in order to bring the results into the range of calibration. The PQL's and MDL's have been adjusted to reflect the dilution.

1004440-3 1:50 pre digestion dilution

1004440-4 1:50 pre digestion dilution - Ba 1:500 dilution

1004440-5 1:50 pre digestion dilution - Ba 1:500 dilution

1004440-6 1:50 pre digestion dilution

1004440-7 1:50 pre digestion dilution - Ba 1:500 dilution

1004440-9 1:50 pre digestion dilution

Sample 1004440-1 was analyzed for QC analysis, including a sample duplicate, matrix spike and matrix spike duplicate.

Hg - Due to the complex matrix and in order to bring the results into the range of calibration the following dilutions were required for analysis.

1004440-3 1:25

1004440-4 1:25

1004440-5 1:25

1004440-6 1:25

1004440-7 1:25

1004440-9 1:25

The MDL's and PQL's have been adjusted.

Flashpoint - A laboratory replicate was analyzed for sample 1004440-3 with an RPD of 1.5.

CLIENT: EPA Southwest District Office
Project: ASW042210 Multiservice
Project Contact: Jeff Smith
Lab Order: 1004440

CASE NARRATIVE

In order to bring the results into the range of calibration the following dilutions were required for VOC

TCLP analysis. The MDL's and PQL's have been adjusted to reflect the dilutions.

100440-3 1:10000
100440-4 1:10000
100440-5 1:10000
100440-6 1:10000
100440-7 1:100
100440-8 1:100

8260C

Due to the oily matrix of the samples and in order to bring the results into the range of calibration the following dilutions were required for analysis.

1004440-3 1:20000
1004440-4 1:20000
1004440-5 1:20000 1,3,5-Trimethylbenzene and 1,2,4-Trimethylbenzene 1:50000
1004440-6 1:20000 1,2,4-Trimethylbenzene 1:50000
1004440-7 1:2000
1004440-9 1:20

The MDL's and PQL's have been adjusted to reflect the dilution.

Methylene Chloride was found in the first Method blank analyzed and in several of the samples. Methylene Chloride is a common laboratory contaminant that the Laboratory is working hard to reduce.

The analytical results in this report met the requirements of the laboratories QA/QC program.

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-001

Client Sample ID: MS01
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
METALS BY GRAPHITE FURNACE							
Arsenic	< 3.00	0.703	3.00	μg/L		1	4/28/2010
Selenium	< 5.00	1.43	5.00	μg/L		1	4/27/2010
MERCURY							
Mercury	< 0.20	0.055	0.20	μg/L		1	5/3/2010
ICP METALS, TOTAL							
Barium	< 10.0	1.15	10.0	μg/L		1	4/27/2010
Cadmium	< 10.0	1.30	10.0	μg/L		1	4/27/2010
Chromium	< 10.0	3.03	10.0	μg/L		1	4/27/2010
Lead	< 10.0	2.40	10.0	μg/L		1	4/27/2010
Silver	< 10.0	2.00	10.0	μg/L		1	4/27/2010
VOLATILE ORGANICS							
Chloromethane	< 1.00	0.112	1.00	μg/L		1	5/2/2010
Vinyl chloride	< 2.00	0.274	2.00	μg/L		1	5/2/2010
Bromomethane	< 1.00	0.618	1.00	μg/L		1	5/2/2010
Chloroethane	< 1.00	0.372	1.00	μg/L		1	5/2/2010
Trichlorofluoromethane	< 2.00	0.595	2.00	μg/L		1	5/2/2010
Acrolein	< 10.0	0.537	10.0	μg/L		1	5/2/2010
1,1-Dichloroethene	< 1.00	0.521	1.00	μg/L		1	5/2/2010
Acetone	< 10.0	5.02	10.0	μg/L		1	5/2/2010
Iodomethane	< 1.00	0.371	1.00	μg/L		1	5/2/2010
Carbon disulfide	< 1.00	0.396	1.00	μg/L		1	5/2/2010
Acetonitrile	< 20.0	3.45	20.0	μg/L		1	5/2/2010
Methylene chloride	27.3	0.304	5.00	μg/L		1	5/2/2010
Methyl tert-butyl ether	< 2.00	0.377	2.00	μg/L		1	5/2/2010
trans-1,2-Dichloroethene	< 2.00	0.214	2.00	μg/L		1	5/2/2010
Acrylonitrile	< 10.0	0.899	10.0	μg/L		1	5/2/2010
1,1-Dichloroethane	< 1.00	0.270	1.00	μg/L		1	5/2/2010
Vinyl acetate	< 10.0	0.431	10.0	μg/L		1	5/2/2010
cis-1,2-Dichloroethene	< 1.00	0.223	1.00	μg/L		1	5/2/2010
2-Butanone	< 10.0	0.755	10.0	μg/L		1	5/2/2010
Bromochloromethane	< 1.00	0.207	1.00	μg/L		1	5/2/2010
Tetrahydrofuran	< 2.00	1.00	2.00	μg/L		1	5/2/2010
Chloroform	< 1.00	0.236	1.00	μg/L		1	5/2/2010
1,1,1-Trichloroethane	< 1.00	0.338	1.00	μg/L		1	5/2/2010
Carbon tetrachloride	< 1.00	0.438	1.00	μg/L		1	5/2/2010
1,1-Dichloropropene	< 1.00	0.303	1.00	μg/L		1	5/2/2010
Benzene	< 1.00	0.288	1.00	μg/L		1	5/2/2010
1,2-Dichloroethane	< 1.00	0.294	1.00	μg/L		1	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-001

Client Sample ID: MS01
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS

SW8260B

Analyst: IR

Trichloroethene	< 2.00	0.201	2.00	μg/L	1	5/2/2010
1,2-Dichloropropane	< 1.00	0.315	1.00	μg/L	1	5/2/2010
Methyl Methacrylate	< 20.0	2.82	20.0	μg/L	1	5/2/2010
Dibromomethane	< 1.00	0.265	1.00	μg/L	1	5/2/2010
Bromodichloromethane	< 1.00	0.247	1.00	μg/L	1	5/2/2010
2-Chloroethyl vinyl ether	< 10.0	0.640	10.0	μg/L	1	5/2/2010
cis-1,3-Dichloropropene	< 1.00	0.212	1.00	μg/L	1	5/2/2010
4-Methyl-2-pentanone	< 10.0	1.42	10.0	μg/L	1	5/2/2010
Toluene	< 2.00	0.203	2.00	μg/L	1	5/2/2010
trans-1,3-Dichloropropene	< 2.00	0.301	2.00	μg/L	1	5/2/2010
1,1,2-Trichloroethane	< 1.00	0.253	1.00	μg/L	1	5/2/2010
Tetrachloroethene	< 2.00	0.531	2.00	μg/L	1	5/2/2010
1,3-Dichloropropane	< 1.00	0.289	1.00	μg/L	1	5/2/2010
2-Hexanone	< 10.0	0.669	10.0	μg/L	1	5/2/2010
Dibromochloromethane	< 1.00	0.219	1.00	μg/L	1	5/2/2010
1,2-Dibromoethane	< 1.00	0.312	1.00	μg/L	1	5/2/2010
Chlorobenzene	< 1.00	0.205	1.00	μg/L	1	5/2/2010
Ethylbenzene	< 1.00	0.258	1.00	μg/L	1	5/2/2010
1,1,1,2-Tetrachloroethane	< 1.00	0.278	1.00	μg/L	1	5/2/2010
m,p-Xylene	< 2.00	0.414	2.00	μg/L	1	5/2/2010
o-Xylene	< 1.00	0.243	1.00	μg/L	1	5/2/2010
Xylenes, Total	< 3.00	0.657	3.00	μg/L	1	5/2/2010
Styrene	< 2.00	0.241	2.00	μg/L	1	5/2/2010
Bromoform	< 1.00	0.213	1.00	μg/L	1	5/2/2010
Isopropylbenzene	< 1.00	0.119	1.00	μg/L	1	5/2/2010
trans-1,4-Dichloro-2-butene	< 2.00	1.15	2.00	μg/L	1	5/2/2010
1,1,2,2-Tetrachloroethane	< 1.00	0.240	1.00	μg/L	1	5/2/2010
Bromobenzene	< 1.00	0.284	1.00	μg/L	1	5/2/2010
n-Propylbenzene	< 2.00	0.218	2.00	μg/L	1	5/2/2010
1,2,3-Trichloropropene	< 1.00	0.221	1.00	μg/L	1	5/2/2010
2-Chlorotoluene	< 1.00	0.294	1.00	μg/L	1	5/2/2010
1,3,5-Trimethylbenzene	< 1.00	0.251	1.00	μg/L	1	5/2/2010
4-Chlorotoluene	< 1.00	0.205	1.00	μg/L	1	5/2/2010
tert-Butylbenzene	< 2.00	0.229	2.00	μg/L	1	5/2/2010
1,2,4-Trimethylbenzene	< 1.00	0.277	1.00	μg/L	1	5/2/2010
sec-Butylbenzene	< 2.00	0.272	2.00	μg/L	1	5/2/2010
4-Isopropyltoluene	< 1.00	0.212	1.00	μg/L	1	5/2/2010
1,3-Dichlorobenzene	< 1.00	0.202	1.00	μg/L	1	5/2/2010
1,4-Dichlorobenzene	< 1.00	0.203	1.00	μg/L	1	5/2/2010
n-Butylbenzene	< 2.00	0.255	2.00	μg/L	1	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-001

Client Sample ID: MS01
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS							
			SW8260B				Analyst: IR
1,2-Dichlorobenzene	< 1.00	0.214	1.00	μg/L	1	5/2/2010	
1,2-Dibromo-3-chloropropane	< 5.00	0.552	5.00	μg/L	1	5/2/2010	
1,2,4-Trichlorobenzene	< 1.00	0.397	1.00	μg/L	1	5/2/2010	
Hexachlorobutadiene	< 1.00	0.514	1.00	μg/L	1	5/2/2010	
Naphthalene	< 10.0	0.609	10.0	μg/L	1	5/2/2010	
1,2,3-Trichlorobenzene	< 1.00	0.397	1.00	μg/L	1	5/2/2010	
2,2-Dichloropropane	< 1.00	0.271	1.00	μg/L	1	5/2/2010	
cis-1,4-Dichloro-2-butene	< 2.00	0.356	2.00	μg/L	1	5/2/2010	
Hexachloroethane	< 2.00	2.00	2.00	μg/L	1	5/2/2010	
Surrogate: 1,2-Dichloroethane-d4	98.9	2.00		%REC	1	5/2/2010	
Surrogate: Toluene-d8	104	2.00		%REC	1	5/2/2010	
Surrogate: 4-Bromofluorobenzene	112	2.00		%REC	1	5/2/2010	
FLASH POINT							
FLASH	1010	1.000	1.000	°F	1	4/29/2010	Analyst: JG

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-002

Client Sample ID: MS02
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
METALS BY GRAPHITE FURNACE							
Arsenic	< 3.00	0.703	3.00	μg/L	1	4/28/2010	
Selenium	< 5.00	1.43	5.00	μg/L	1	4/27/2010	
MERCURY							
Mercury	< 0.20	0.055	0.20	μg/L	1	5/3/2010	
ICP METALS, TOTAL							
Barium	< 10.0	1.15	10.0	μg/L	1	4/27/2010	
Cadmium	< 10.0	1.30	10.0	μg/L	1	4/27/2010	
Chromium	< 10.0	3.03	10.0	μg/L	1	4/27/2010	
Lead	< 10.0	2.40	10.0	μg/L	1	4/27/2010	
Silver	< 10.0	2.00	10.0	μg/L	1	4/27/2010	
VOLATILE ORGANICS							
Chloromethane	< 1.00	0.112	1.00	μg/L	1	5/2/2010	
Vinyl chloride	< 2.00	0.274	2.00	μg/L	1	5/2/2010	
Bromomethane	< 1.00	0.618	1.00	μg/L	1	5/2/2010	
Chloroethane	< 1.00	0.372	1.00	μg/L	1	5/2/2010	
Trichlorofluoromethane	< 2.00	0.595	2.00	μg/L	1	5/2/2010	
Acrolein	< 10.0	0.537	10.0	μg/L	1	5/2/2010	
1,1-Dichloroethene	< 1.00	0.521	1.00	μg/L	1	5/2/2010	
Acetone	< 10.0	5.02	10.0	μg/L	1	5/2/2010	
Iodomethane	< 1.00	0.371	1.00	μg/L	1	5/2/2010	
Carbon disulfide	< 1.00	0.396	1.00	μg/L	1	5/2/2010	
Acetonitrile	< 20.0	3.45	20.0	μg/L	1	5/2/2010	
Methylene chloride	9.77	0.304	5.00	μg/L	1	5/2/2010	
Methyl tert-butyl ether	< 2.00	0.377	2.00	μg/L	1	5/2/2010	
trans-1,2-Dichloroethene	< 2.00	0.214	2.00	μg/L	1	5/2/2010	
Acrylonitrile	< 10.0	0.899	10.0	μg/L	1	5/2/2010	
1,1-Dichloroethane	< 1.00	0.270	1.00	μg/L	1	5/2/2010	
Vinyl acetate	< 10.0	0.431	10.0	μg/L	1	5/2/2010	
cis-1,2-Dichloroethene	< 1.00	0.223	1.00	μg/L	1	5/2/2010	
2-Butanone	< 10.0	0.755	10.0	μg/L	1	5/2/2010	
Bromochloromethane	< 1.00	0.207	1.00	μg/L	1	5/2/2010	
Tetrahydrofuran	< 2.00	1.00	2.00	μg/L	1	5/2/2010	
Chloroform	< 1.00	0.236	1.00	μg/L	1	5/2/2010	
1,1,1-Trichloroethane	< 1.00	0.338	1.00	μg/L	1	5/2/2010	
Carbon tetrachloride	< 1.00	0.438	1.00	μg/L	1	5/2/2010	
1,1-Dichloropropene	< 1.00	0.303	1.00	μg/L	1	5/2/2010	
Benzene	< 1.00	0.288	1.00	μg/L	1	5/2/2010	
1,2-Dichloroethane	< 1.00	0.294	1.00	μg/L	1	5/2/2010	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-002

Client Sample ID: MS02
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS							
			SW8260B				Analyst: IR
Trichloroethene	< 2.00	0.201	2.00	μg/L	1	5/2/2010	
1,2-Dichloropropane	< 1.00	0.315	1.00	μg/L	1	5/2/2010	
Methyl Methacrylate	< 20.0	2.82	20.0	μg/L	1	5/2/2010	
Dibromomethane	< 1.00	0.265	1.00	μg/L	1	5/2/2010	
Bromodichloromethane	< 1.00	0.247	1.00	μg/L	1	5/2/2010	
2-Chloroethyl vinyl ether	< 10.0	0.640	10.0	μg/L	1	5/2/2010	
cis-1,3-Dichloropropene	< 1.00	0.212	1.00	μg/L	1	5/2/2010	
4-Methyl-2-pentanone	< 10.0	1.42	10.0	μg/L	1	5/2/2010	
Toluene	< 2.00	0.203	2.00	μg/L	1	5/2/2010	
trans-1,3-Dichloropropene	< 2.00	0.301	2.00	μg/L	1	5/2/2010	
1,1,2-Trichloroethane	< 1.00	0.253	1.00	μg/L	1	5/2/2010	
Tetrachloroethene	< 2.00	0.531	2.00	μg/L	1	5/2/2010	
1,3-Dichloropropane	< 1.00	0.289	1.00	μg/L	1	5/2/2010	
2-Hexanone	< 10.0	0.669	10.0	μg/L	1	5/2/2010	
Dibromochloromethane	< 1.00	0.219	1.00	μg/L	1	5/2/2010	
1,2-Dibromoethane	< 1.00	0.312	1.00	μg/L	1	5/2/2010	
Chlorobenzene	< 1.00	0.205	1.00	μg/L	1	5/2/2010	
Ethylbenzene	< 1.00	0.258	1.00	μg/L	1	5/2/2010	
1,1,2-Tetrachloroethane	< 1.00	0.278	1.00	μg/L	1	5/2/2010	
m,p-Xylene	< 2.00	0.414	2.00	μg/L	1	5/2/2010	
o-Xylene	< 1.00	0.243	1.00	μg/L	1	5/2/2010	
Xylenes, Total	< 3.00	0.657	3.00	μg/L	1	5/2/2010	
Styrene	< 2.00	0.241	2.00	μg/L	1	5/2/2010	
Bromoform	< 1.00	0.213	1.00	μg/L	1	5/2/2010	
Isopropylbenzene	< 1.00	0.119	1.00	μg/L	1	5/2/2010	
trans-1,4-Dichloro-2-butene	< 2.00	1.15	2.00	μg/L	1	5/2/2010	
1,1,2,2-Tetrachloroethane	< 1.00	0.240	1.00	μg/L	1	5/2/2010	
Bromobenzene	< 1.00	0.284	1.00	μg/L	1	5/2/2010	
n-Propylbenzene	< 2.00	0.218	2.00	μg/L	1	5/2/2010	
1,2,3-Trichloropropene	< 1.00	0.221	1.00	μg/L	1	5/2/2010	
2-Chlorotoluene	< 1.00	0.294	1.00	μg/L	1	5/2/2010	
1,3,5-Trimethylbenzene	< 1.00	0.251	1.00	μg/L	1	5/2/2010	
4-Chlorotoluene	< 1.00	0.205	1.00	μg/L	1	5/2/2010	
tert-Butylbenzene	< 2.00	0.229	2.00	μg/L	1	5/2/2010	
1,2,4-Trimethylbenzene	< 1.00	0.277	1.00	μg/L	1	5/2/2010	
sec-Butylbenzene	< 2.00	0.272	2.00	μg/L	1	5/2/2010	
4-Isopropyltoluene	< 1.00	0.212	1.00	μg/L	1	5/2/2010	
1,3-Dichlorobenzene	< 1.00	0.202	1.00	μg/L	1	5/2/2010	
1,4-Dichlorobenzene	< 1.00	0.203	1.00	μg/L	1	5/2/2010	
n-Butylbenzene	< 2.00	0.256	2.00	μg/L	1	5/2/2010	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-002

Client Sample ID: MS02
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS

		SW8260B			Analyst: IR
1,2-Dichlorobenzene	< 1.00	0.214	1.00	µg/L	1 5/2/2010
1,2-Dibromo-3-chloropropane	< 5.00	0.552	5.00	µg/L	1 5/2/2010
1,2,4-Trichlorobenzene	< 1.00	0.397	1.00	µg/L	1 5/2/2010
Hexachlorobutadiene	< 1.00	0.514	1.00	µg/L	1 5/2/2010
Naphthalene	< 10.0	0.609	10.0	µg/L	1 5/2/2010
1,2,3-Trichlorobenzene	< 1.00	0.397	1.00	µg/L	1 5/2/2010
2,2-Dichloropropane	< 1.00	0.271	1.00	µg/L	1 5/2/2010
cis-1,4-Dichloro-2-butene	< 2.00	0.356	2.00	µg/L	1 5/2/2010
Hexachloroethane	< 2.00	2.00	2.00	µg/L	1 5/2/2010
Surr: 1,2-Dichloroethane-d4	107	2.00	%REC		1 5/2/2010
Surr: Toluene-d8	105	2.00	%REC		1 5/2/2010
Surr: 4-Bromofluorobenzene	116	2.00	%REC		1 5/2/2010

NOTES:

Analysis was completed using a 1:20000 dilution.

FLASH POINT		1010			Analyst: JG
FLASH	>140	1.000	1.000	°F	1 4/29/2010

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-003

Client Sample ID: MS03
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
METALS BY GRAPHITE FURNACE							
Arsenic	< 150	35.2	150		µg/L	50	4/28/2010
Selenium	< 250	71.5	250		µg/L	50	4/27/2010
NOTES: Analysis was completed using a 1:50 dilution.							
MERCURY, TCLP							
TCLP_HG	< 0.0020	0.00030	0.0020		mg/L	1	5/3/2010
MERCURY							
Mercury	2.8	1.4	5.0	J	µg/L	25	5/3/2010
NOTES: Analysis was completed using a 1:25 dilution.							
ICP METALS, TOTAL							
Barium	26400	57.5	500		µg/L	50	4/27/2010
Cadmium	< 500	65.0	500		µg/L	50	4/27/2010
Chromium	3140	152	500		µg/L	50	4/27/2010
Lead	3050	120	500		µg/L	50	4/27/2010
Silver	< 500	100	500		µg/L	50	4/27/2010
NOTES: Analysis was completed using a 1:50 dilution.							
ICP METALS, TCLP							
Arsenic	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Barium	0.117	0.0500	0.0500		mg/L	1	4/29/2001
Cadmium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Chromium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Lead	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Selenium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Silver	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
VOLATILE ORGANICS							
Chloromethane	< 20000	2240	20000		µg/L	20000	5/2/2010
Vinyl chloride	< 40000	5480	40000		µg/L	20000	5/2/2010
Bromomethane	< 20000	12400	20000		µg/L	20000	5/2/2010
Chloroethane	< 20000	7440	20000		µg/L	20000	5/2/2010
Trichlorofluoromethane	< 40000	11900	40000		µg/L	20000	5/2/2010
Acrolein	< 200000	10700	200000		µg/L	20000	5/2/2010
1,1-Dichloroethene	< 20000	10400	20000		µg/L	20000	5/2/2010
Acetone	< 200000	100000	200000		µg/L	20000	5/2/2010
Iodomethane	< 20000	7420	20000		µg/L	20000	5/2/2010
Carbon disulfide	< 20000	7920	20000		µg/L	20000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-003

Client Sample ID: MS03
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS							
					SW8260B		Analyst: IR
Acetonitrile	< 400000	69000	400000		µg/L	20000	5/2/2010
Methylene chloride	159000	6080	100000		µg/L	20000	5/2/2010
Methyl tert-butyl ether	< 40000	7540	40000		µg/L	20000	5/2/2010
trans-1,2-Dichloroethene	< 40000	4280	40000		µg/L	20000	5/2/2010
Acrylonitrile	< 200000	18000	200000		µg/L	20000	5/2/2010
1,1-Dichloroethane	< 20000	5400	20000		µg/L	20000	5/2/2010
Vinyl acetate	< 200000	8620	200000		µg/L	20000	5/2/2010
cis-1,2-Dichloroethene	< 20000	4460	20000		µg/L	20000	5/2/2010
2-Butanone	< 200000	15100	200000		µg/L	20000	5/2/2010
Bromochloromethane	< 20000	4140	20000		µg/L	20000	5/2/2010
Tetrahydrofuran	< 40000	20000	40000		µg/L	20000	5/2/2010
Chloroform	< 20000	4720	20000		µg/L	20000	5/2/2010
1,1,1-Trichloroethane	< 20000	6760	20000		µg/L	20000	5/2/2010
Carbon tetrachloride	< 20000	8760	20000		µg/L	20000	5/2/2010
1,1-Dichloropropene	< 20000	6060	20000		µg/L	20000	5/2/2010
Benzene	< 20000	5760	20000		µg/L	20000	5/2/2010
1,2-Dichloroethane	< 20000	5880	20000		µg/L	20000	5/2/2010
Trichloroethene	< 40000	4020	40000		µg/L	20000	5/2/2010
1,2-Dichloropropane	< 20000	6300	20000		µg/L	20000	5/2/2010
Methyl Methacrylate	< 400000	56400	400000		µg/L	20000	5/2/2010
Dibromomethane	< 20000	5300	20000		µg/L	20000	5/2/2010
Bromodichloromethane	< 20000	4940	20000		µg/L	20000	5/2/2010
2-Chloroethyl vinyl ether	< 200000	12800	200000		µg/L	20000	5/2/2010
cis-1,3-Dichloropropene	< 20000	4240	20000		µg/L	20000	5/2/2010
4-Methyl-2-pentanone	< 200000	28400	200000		µg/L	20000	5/2/2010
Toluene	505000	4060	40000		µg/L	20000	5/2/2010
trans-1,3-Dichloropropene	< 40000	6020	40000		µg/L	20000	5/2/2010
1,1,2-Trichloroethane	< 20000	5060	20000		µg/L	20000	5/2/2010
Tetrachloroethene	37200	10600	40000	J	µg/L	20000	5/2/2010
1,3-Dichloropropane	< 20000	5780	20000		µg/L	20000	5/2/2010
2-Hexanone	< 200000	13400	200000		µg/L	20000	5/2/2010
Dibromochloromethane	< 20000	4380	20000		µg/L	20000	5/2/2010
1,2-Dibromoethane	< 20000	6240	20000		µg/L	20000	5/2/2010
Chlorobenzene	< 20000	4100	20000		µg/L	20000	5/2/2010
Ethylbenzene	172000	5160	20000		µg/L	20000	5/2/2010
1,1,1,2-Tetrachloroethane	< 20000	5560	20000		µg/L	20000	5/2/2010
m,p-Xylene	659000	8280	40000		µg/L	20000	5/2/2010
o-Xylene	282000	4860	20000		µg/L	20000	5/2/2010
Xylenes, Total	941000	13100	60000		µg/L	20000	5/2/2010
Styrene	< 40000	4820	40000		µg/L	20000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-003

Client Sample ID: MS03
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS

		SW8260B			Analyst: IR	
Bromoform	< 20000	4260	20000	µg/L	20000	5/2/2010
Isopropylbenzene	< 20000	2380	20000	µg/L	20000	5/2/2010
trans-1,4-Dichloro-2-butene	< 40000	23000	40000	µg/L	20000	5/2/2010
1,1,2,2-Tetrachloroethane	< 20000	4800	20000	µg/L	20000	5/2/2010
Bromobenzene	< 20000	5680	20000	µg/L	20000	5/2/2010
n-Propylbenzene	362000	4360	40000	µg/L	20000	5/2/2010
1,2,3-Trichloropropane	< 20000	4420	20000	µg/L	20000	5/2/2010
2-Chlorotoluene	< 20000	5880	20000	µg/L	20000	5/2/2010
1,3,5-Trimethylbenzene	809000	5020	20000	µg/L	20000	5/2/2010
4-Chlorotoluene	< 20000	4100	20000	µg/L	20000	5/2/2010
tert-Butylbenzene	< 40000	4580	40000	µg/L	20000	5/2/2010
1,2,4-Trimethylbenzene	2550000	5540	20000	µg/L	20000	5/2/2010
sec-Butylbenzene	< 40000	5440	40000	µg/L	20000	5/2/2010
4-Isopropyltoluene	21000	4240	20000	µg/L	20000	5/2/2010
1,3-Dichlorobenzene	< 20000	4040	20000	µg/L	20000	5/2/2010
1,4-Dichlorobenzene	< 20000	4060	20000	µg/L	20000	5/2/2010
n-Butylbenzene	< 40000	5100	40000	µg/L	20000	5/2/2010
1,2-Dichlorobenzene	< 20000	4280	20000	µg/L	20000	5/2/2010
1,2-Dibromo-3-chloropropane	< 100000	11000	100000	µg/L	20000	5/2/2010
1,2,4-Trichlorobenzene	< 20000	7940	20000	µg/L	20000	5/2/2010
Hexachlorobutadiene	< 20000	10300	20000	µg/L	20000	5/2/2010
Naphthalene	< 200000	12200	200000	µg/L	20000	5/2/2010
1,2,3-Trichlorobenzene	< 20000	7940	20000	µg/L	20000	5/2/2010
2,2-Dichloropropane	< 20000	5420	20000	µg/L	20000	5/2/2010
cis-1,4-Dichloro-2-butene	< 40000	7120	40000	µg/L	20000	5/2/2010
Hexachloroethane	< 40000	40000	40000	µg/L	20000	5/2/2010
Surr: 1,2-Dichloroethane-d4	105	2.00		%REC	1	5/2/2010
Surr: Toluene-d8	101	2.00		%REC	1	5/2/2010
Surr: 4-Bromofluorobenzene	109	2.00		%REC	1	5/2/2010

NOTES:

Analysis was completed using a 1:20000 dilution.

VOC TCLP

		SW8260B			Analyst: IR	
Vinyl chloride	< 50.000	2.7400	50.000	mg/L	10000	5/2/2010
1,1-Dichloroethene	< 50.000	2.7000	50.000	mg/L	10000	5/2/2010
Chloroform	< 50.000	2.3600	50.000	mg/L	10000	5/2/2010
Carbon tetrachloride	< 50.000	4.3800	50.000	mg/L	10000	5/2/2010
2-Butanone	< 50.000	7.5500	50.000	mg/L	10000	5/2/2010
Benzene	< 50.000	2.8800	50.000	mg/L	10000	5/2/2010
1,2-Dichloroethane	< 50.000	2.9400	50.000	mg/L	10000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-003

Client Sample ID: MS03
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOC TCLP		SW8260B			Analyst: IR	
Trichloroethene	< 50.000	2.0100	50.000	mg/L	10000	5/2/2010
Toluene	164.92	2.0300	50.000	mg/L	10000	5/2/2010
Tetrachloroethene	< 50.000	5.3100	50.000	mg/L	10000	5/2/2010
Chlorobenzene	< 50.000	2.0500	50.000	mg/L	10000	5/2/2010
Ethylbenzene	94.221	2.5800	50.000	mg/L	10000	5/2/2010
Xylenes, Total	571.20	6.5700	150.00	mg/L	10000	5/2/2010
1,4-Dichlorobenzene	< 50.000	2.0300	50.000	mg/L	10000	5/2/2010
Surr: 1,2-Dichloroethane-d4	108	0		%REC	1	5/2/2010
Surr: Toluene-d8	106	0		%REC	1	5/2/2010
Surr: 4-Bromofluorobenzene	100	0		%REC	1	5/2/2010

NOTES:

Analysis was completed at a 1:10000 dilution.

FLASH POINT		1010			Analyst: JG	
FLASH	131.0	1.000	1.000	°F	1	4/29/2010

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-004

Client Sample ID: MS04
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
METALS BY GRAPHITE FURNACE							
Arsenic	< 150	35.2	150		µg/L	50	4/28/2010
Selenium	< 250	71.5	250		µg/L	50	4/27/2010
NOTES: Analysis was completed using a 1:50 dilution.							
MERCURY, TCLP							
TCLP_HG	< 0.0020	0.00030	0.0020		mg/L	1	5/3/2010
MERCURY							
Mercury	11	1.4	5.0		µg/L	25	5/3/2010
NOTES: Analysis was completed using a 1:25 dilution.							
ICP METALS, TOTAL							
Barium	376000	575	5000		µg/L	500	4/27/2010
Cadmium	720	65.0	500		µg/L	50	4/27/2010
Chromium	9900	152	500		µg/L	50	4/27/2010
Lead	32700	120	500		µg/L	50	4/27/2010
Silver	1780	100	500		µg/L	50	4/27/2010
NOTES: Analysis of remaining metals completed at a 1:50 dilution. Barium was analyzed at a 1:500 dilution.							
ICP METALS, TCLP							
Arsenic	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Barium	0.0610	0.0500	0.0500		mg/L	1	4/29/2001
Cadmium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Chromium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Lead	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Selenium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Silver	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
VOLATILE ORGANICS							
Chloromethane	< 20000	2240	20000		µg/L	20000	5/2/2010
Vinyl chloride	< 40000	5480	40000		µg/L	20000	5/2/2010
Bromomethane	< 20000	12400	20000		µg/L	20000	5/2/2010
Chloroethane	< 20000	7440	20000		µg/L	20000	5/2/2010
Trichlorofluoromethane	< 40000	11900	40000		µg/L	20000	5/2/2010
Acrolein	< 200000	10700	200000		µg/L	20000	5/2/2010
1,1-Dichloroethene	< 20000	10400	20000		µg/L	20000	5/2/2010
Acetone	< 200000	100000	200000		µg/L	20000	5/2/2010
Iodomethane	< 20000	7420	20000		µg/L	20000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-004

Client Sample ID: MS04
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS							
		SW8260B					Analyst: IR
Carbon disulfide	< 20000	7920	20000		µg/L	20000	5/2/2010
Acetonitrile	< 400000	69000	400000		µg/L	20000	5/2/2010
Methylene chloride	171000	6080	100000		µg/L	20000	5/2/2010
Methyl tert-butyl ether	< 40000	7540	40000		µg/L	20000	5/2/2010
trans-1,2-Dichloroethene	< 40000	4280	40000		µg/L	20000	5/2/2010
Acrylonitrile	< 200000	18000	200000		µg/L	20000	5/2/2010
1,1-Dichloroethane	< 20000	5400	20000		µg/L	20000	5/2/2010
Vinyl acetate	< 200000	8620	200000		µg/L	20000	5/2/2010
cis-1,2-Dichloroethene	< 20000	4460	20000		µg/L	20000	5/2/2010
2-Butanone	< 200000	15100	200000		µg/L	20000	5/2/2010
Bromochloromethane	< 20000	4140	20000		µg/L	20000	5/2/2010
Tetrahydrofuran	< 40000	20000	40000		µg/L	20000	5/2/2010
Chloroform	< 20000	4720	20000		µg/L	20000	5/2/2010
1,1,1-Trichloroethane	< 20000	6760	20000		µg/L	20000	5/2/2010
Carbon tetrachloride	< 20000	8760	20000		µg/L	20000	5/2/2010
1,1-Dichloropropene	< 20000	6060	20000		µg/L	20000	5/2/2010
Benzene	< 20000	5760	20000		µg/L	20000	5/2/2010
1,2-Dichloroethane	< 20000	5880	20000		µg/L	20000	5/2/2010
Trichloroethene	< 40000	4020	40000		µg/L	20000	5/2/2010
1,2-Dichloropropane	< 20000	6300	20000		µg/L	20000	5/2/2010
Methyl Methacrylate	< 40000	56400	400000		µg/L	20000	5/2/2010
Dibromomethane	< 20000	5300	20000		µg/L	20000	5/2/2010
Bromodichloromethane	< 20000	4940	20000		µg/L	20000	5/2/2010
2-Chloroethyl vinyl ether	< 200000	12800	200000		µg/L	20000	5/2/2010
cis-1,3-Dichloropropene	< 20000	4240	20000		µg/L	20000	5/2/2010
4-Methyl-2-pentanone	< 200000	28400	200000		µg/L	20000	5/2/2010
Toluene	44200	4060	40000		µg/L	20000	5/2/2010
trans-1,3-Dichloropropene	< 40000	6020	40000		µg/L	20000	5/2/2010
1,1,2-Trichloroethane	< 20000	5060	20000		µg/L	20000	5/2/2010
Tetrachloroethene	< 40000	10600	40000		µg/L	20000	5/2/2010
1,3-Dichloropropane	< 20000	5780	20000		µg/L	20000	5/2/2010
2-Hexanone	< 200000	13400	200000		µg/L	20000	5/2/2010
Dibromochloromethane	< 20000	4380	20000		µg/L	20000	5/2/2010
1,2-Dibromoethane	< 20000	6240	20000		µg/L	20000	5/2/2010
Chlorobenzene	< 20000	4100	20000		µg/L	20000	5/2/2010
Ethylbenzene	< 20000	5160	20000		µg/L	20000	5/2/2010
1,1,1,2-Tetrachloroethane	< 20000	5560	20000		µg/L	20000	5/2/2010
m,p-Xylene	35700	8280	40000	J	µg/L	20000	5/2/2010
o-Xylene	13200	4860	20000	J	µg/L	20000	5/2/2010
Xylenes, Total	48900	13100	60000	J	µg/L	20000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-004

Client Sample ID: MS04
Collection Date: 4/22/2010

Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS							
			SW8260B				Analyst: IR
Styrene	< 40000	4820	40000		µg/L	20000	5/2/2010
Bromoform	< 20000	4260	20000		µg/L	20000	5/2/2010
Isopropylbenzene	< 20000	2380	20000		µg/L	20000	5/2/2010
trans-1,4-Dichloro-2-butene	< 40000	23000	40000		µg/L	20000	5/2/2010
1,1,2,2-Tetrachloroethane	< 20000	4800	20000		µg/L	20000	5/2/2010
Bromobenzene	< 20000	5680	20000		µg/L	20000	5/2/2010
n-Propylbenzene	24800	4360	40000	J	µg/L	20000	5/2/2010
1,2,3-Trichloropropane	< 20000	4420	20000		µg/L	20000	5/2/2010
2-Chlorotoluene	< 20000	5880	20000		µg/L	20000	5/2/2010
1,3,5-Trimethylbenzene	57400	5020	20000		µg/L	20000	5/2/2010
4-Chlorotoluene	< 20000	4100	20000		µg/L	20000	5/2/2010
tert-Butylbenzene	< 40000	4580	40000		µg/L	20000	5/2/2010
1,2,4-Trimethylbenzene	182000	5540	20000		µg/L	20000	5/2/2010
sec-Butylbenzene	< 40000	5440	40000		µg/L	20000	5/2/2010
4-Isopropyltoluene	< 20000	4240	20000		µg/L	20000	5/2/2010
1,3-Dichlorobenzene	< 20000	4040	20000		µg/L	20000	5/2/2010
1,4-Dichlorobenzene	< 20000	4060	20000		µg/L	20000	5/2/2010
n-Butylbenzene	< 40000	5100	40000		µg/L	20000	5/2/2010
1,2-Dichlorobenzene	< 20000	4280	20000		µg/L	20000	5/2/2010
1,2-Dibromo-3-chloropropane	< 100000	11000	100000		µg/L	20000	5/2/2010
1,2,4-Trichlorobenzene	< 20000	7940	20000		µg/L	20000	5/2/2010
Hexachlorobutadiene	< 20000	10300	20000		µg/L	20000	5/2/2010
Naphthalene	< 200000	12200	200000		µg/L	20000	5/2/2010
1,2,3-Trichlorobenzene	< 20000	7940	20000		µg/L	20000	5/2/2010
2,2-Dichloropropane	< 20000	5420	20000		µg/L	20000	5/2/2010
cis-1,4-Dichloro-2-butene	< 40000	7120	40000		µg/L	20000	5/2/2010
Hexachloroethane	< 40000	40000	40000		µg/L	20000	5/2/2010
Surr: 1,2-Dichloroethane-d4	91.7	2.00			%REC	1	5/2/2010
Surr: Toluene-d8	101	2.00			%REC	1	5/2/2010
Surr: 4-Bromofluorobenzene	112	2.00			%REC	1	5/2/2010

NOTES:

Analysis was completed using a 1:20000 dilution.

VOC TCLP		SW8260B			Analyst: IR
Vinyl chloride	< 50.000	2.7400	50.000	mg/L	10000 5/2/2010
1,1-Dichloroethene	< 50.000	2.7000	50.000	mg/L	10000 5/2/2010
Chloroform	< 50.000	2.3600	50.000	mg/L	10000 5/2/2010
Carbon tetrachloride	< 50.000	4.3800	50.000	mg/L	10000 5/2/2010
2-Butanone	< 50.000	7.5500	50.000	mg/L	10000 5/2/2010
Benzene	< 50.000	2.8800	50.000	mg/L	10000 5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
 II Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-004

Client Sample ID: MS04
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOC TCLP							
					SW8260B		Analyst: IR
1,2-Dichloroethane	< 50.000	2.9400	50.000		mg/L	10000	5/2/2010
Trichloroethene	< 50.000	2.0100	50.000		mg/L	10000	5/2/2010
Toluene	29.178	2.0300	50.000	J	mg/L	10000	5/2/2010
Tetrachloroethene	< 50.000	5.3100	50.000		mg/L	10000	5/2/2010
Chlorobenzene	< 50.000	2.0500	50.000		mg/L	10000	5/2/2010
Ethylbenzene	13.086	2.5800	50.000	J	mg/L	10000	5/2/2010
Xylenes, Total	80.185	6.5700	150.00	J	mg/L	10000	5/2/2010
1,4-Dichlorobenzene	< 50.000	2.0300	50.000		mg/L	1	5/2/2010
Surr: 1,2-Dichloroethane-d4	103	0			%REC	1	5/2/2010
Surr: Toluene-d8	104	0			%REC	1	5/2/2010
Surr: 4-Bromofluorobenzene	108	0			%REC	1	5/2/2010
NOTES:							
Analysis was completed at a 1:10000 dilution.							
FLASH POINT							
FLASH	>140	1.000	1.000		°F	1	Analyst: JG 5/4/2010

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-005

Client Sample ID: MS05
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
METALS BY GRAPHITE FURNACE							
Arsenic	< 150	35.2	150		µg/L	50	4/28/2010
Selenium	< 250	71.5	250		µg/L	50	4/27/2010
NOTES: Analysis was completed using a 1:50 dilution.							
MERCURY, TCLP							
TCLP_HG	< 0.0020	0.00030	0.0020		mg/L	1	5/3/2010
MERCURY							
Mercury	44	1.4	5.0		µg/L	25	5/3/2010
NOTES: Analysis was completed using a 1:25 dilution.							
ICP METALS, TOTAL							
Barium	272000	575	5000		µg/L	500	4/27/2010
Cadmium	730	65.0	500		µg/L	50	4/27/2010
Chromium	7850	152	500		µg/L	50	4/27/2010
Lead	38800	120	500		µg/L	50	4/27/2010
Silver	2220	100	500		µg/L	50	4/27/2010
NOTES: Ba was analyzed at a 1:500 dilution Analysis of remaining metals completed at a 1:50 dilution.							
ICP METALS, TCLP							
Arsenic	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Barium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Cadmium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Chromium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Lead	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Selenium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Silver	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
VOLATILE ORGANICS							
Chloromethane	< 20000	2240	20000		µg/L	20000	5/2/2010
Vinyl chloride	< 40000	5480	40000		µg/L	20000	5/2/2010
Bromomethane	< 20000	12400	20000		µg/L	20000	5/2/2010
Chloroethane	< 20000	7440	20000		µg/L	20000	5/2/2010
Trichlorofluoromethane	< 40000	11900	40000		µg/L	20000	5/2/2010
Acrolein	< 200000	10700	200000		µg/L	20000	5/2/2010
1,1-Dichloroethene	< 20000	10400	20000		µg/L	20000	5/2/2010
Acetone	< 200000	100000	200000		µg/L	20000	5/2/2010
Iodomethane	< 20000	7420	20000		µg/L	20000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-005

Client Sample ID: MS05
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS							
					SW8260B		Analyst: IR
Carbon disulfide	< 20000	7920	20000		µg/L	20000	5/2/2010
Acetonitrile	< 400000	69000	400000		µg/L	20000	5/2/2010
Methylene chloride	188000	6080	100000		µg/L	20000	5/2/2010
Methyl tert-butyl ether	< 40000	7540	40000		µg/L	20000	5/2/2010
trans-1,2-Dichloroethene	< 40000	4280	40000		µg/L	20000	5/2/2010
Acrylonitrile	< 200000	18000	200000		µg/L	20000	5/2/2010
1,1-Dichloroethane	< 20000	5400	20000		µg/L	20000	5/2/2010
Vinyl acetate	< 200000	8620	200000		µg/L	20000	5/2/2010
cis-1,2-Dichloroethene	< 20000	4460	20000		µg/L	20000	5/2/2010
2-Butanone	< 200000	15100	200000		µg/L	20000	5/2/2010
Bromochloromethane	< 20000	4140	20000		µg/L	20000	5/2/2010
Tetrahydrofuran	< 40000	20000	40000		µg/L	20000	5/2/2010
Chloroform	< 20000	4720	20000		µg/L	20000	5/2/2010
1,1,1-Trichloroethane	< 20000	6760	20000		µg/L	20000	5/2/2010
Carbon tetrachloride	< 20000	8760	20000		µg/L	20000	5/2/2010
1,1-Dichloropropene	< 20000	6060	20000		µg/L	20000	5/2/2010
Benzene	< 20000	5760	20000		µg/L	20000	5/2/2010
1,2-Dichloroethane	< 20000	5880	20000		µg/L	20000	5/2/2010
Trichloroethene	< 40000	4020	40000		µg/L	20000	5/2/2010
1,2-Dichloropropane	< 20000	6300	20000		µg/L	20000	5/2/2010
Methyl Methacrylate	< 400000	56400	400000		µg/L	20000	5/2/2010
Dibromomethane	< 20000	5300	20000		µg/L	20000	5/2/2010
Bromodichloromethane	< 20000	4940	20000		µg/L	20000	5/2/2010
2-Chloroethyl vinyl ether	< 200000	12800	200000		µg/L	20000	5/2/2010
cis-1,3-Dichloropropene	< 20000	4240	20000		µg/L	20000	5/2/2010
4-Methyl-2-pentanone	< 200000	28400	200000		µg/L	20000	5/2/2010
Toluene	792000	4060	40000		µg/L	20000	5/2/2010
trans-1,3-Dichloropropene	< 40000	6020	40000		µg/L	20000	5/2/2010
1,1,2-Trichloroethane	< 20000	5060	20000		µg/L	20000	5/2/2010
Tetrachloroethene	66300	10600	40000		µg/L	20000	5/2/2010
1,3-Dichloropropane	< 20000	5780	20000		µg/L	20000	5/2/2010
2-Hexanone	< 200000	13400	200000		µg/L	20000	5/2/2010
Dibromochloromethane	< 20000	4380	20000		µg/L	20000	5/2/2010
1,2-Dibromoethane	< 20000	6240	20000		µg/L	20000	5/2/2010
Chlorobenzene	< 20000	4100	20000		µg/L	20000	5/2/2010
Ethylbenzene	320000	5160	20000		µg/L	20000	5/2/2010
1,1,1,2-Tetrachloroethane	< 20000	5560	20000		µg/L	20000	5/2/2010
m,p-Xylene	1280000	8280	40000		µg/L	20000	5/2/2010
o-Xylene	482000	4860	20000		µg/L	20000	5/2/2010
Xylenes, Total	1760000	13100	60000		µg/L	20000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-005

Client Sample ID: MS05
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS

		SW8260B			Analyst: IR	
Styrene	< 40000	4820	40000	µg/L	20000	5/2/2010
Bromoform	< 20000	4260	20000	µg/L	20000	5/2/2010
Isopropylbenzene	202000	2380	20000	µg/L	20000	5/2/2010
trans-1,4-Dichloro-2-butene	< 40000	23000	40000	µg/L	20000	5/2/2010
1,1,2,2-Tetrachloroethane	< 20000	4800	20000	µg/L	20000	5/2/2010
Bromobenzene	< 20000	5680	20000	µg/L	20000	5/2/2010
n-Propylbenzene	891000	4360	40000	µg/L	20000	5/2/2010
1,2,3-Trichloropropane	< 20000	4420	20000	µg/L	20000	5/2/2010
2-Chlorotoluene	< 20000	5880	20000	µg/L	20000	5/2/2010
1,3,5-Trimethylbenzene	3480000	12600	50000	µg/L	50000	5/2/2010
4-Chlorotoluene	< 20000	4100	20000	µg/L	20000	5/2/2010
tert-Butylbenzene	< 40000	4580	40000	µg/L	20000	5/2/2010
1,2,4-Trimethylbenzene	9670000	13800	50000	µg/L	50000	5/2/2010
sec-Butylbenzene	< 40000	5440	40000	µg/L	20000	5/2/2010
4-Isopropyltoluene	< 20000	4240	20000	µg/L	20000	5/2/2010
1,3-Dichlorobenzene	< 20000	4040	20000	µg/L	20000	5/2/2010
1,4-Dichlorobenzene	< 20000	4060	20000	µg/L	20000	5/2/2010
n-Butylbenzene	< 40000	5100	40000	µg/L	20000	5/2/2010
1,2-Dichlorobenzene	< 20000	4280	20000	µg/L	20000	5/2/2010
1,2-Dibromo-3-chloropropane	< 100000	11000	100000	µg/L	20000	5/2/2010
1,2,4-Trichlorobenzene	< 20000	7940	20000	µg/L	20000	5/2/2010
Hexachlorobutadiene	< 20000	10300	20000	µg/L	20000	5/2/2010
Naphthalene	277000	12200	200000	µg/L	20000	5/2/2010
1,2,3-Trichlorobenzene	< 20000	7940	20000	µg/L	20000	5/2/2010
2,2-Dichloropropane	< 20000	5420	20000	µg/L	20000	5/2/2010
cis-1,4-Dichloro-2-butene	< 40000	7120	40000	µg/L	20000	5/2/2010
Hexachloroethane	< 40000	40000	40000	µg/L	20000	5/2/2010
Surr: 1,2-Dichloroethane-d4	106	2.00		%REC	1	5/2/2010
Surr: Toluene-d8	107	2.00		%REC	1	5/2/2010
Surr: 4-Bromofluorobenzene	106	2.00		%REC	1	5/2/2010

NOTES:

Analysis was completed using a 1:20000 dilution.

1,3,5-Trimethylbenzene and 1,2,4-Trimethylbenzene were analyzed at a 1:50000 dilution.

VOC TCLP

		SW8260B			Analyst: IR	
Vinyl chloride	< 50.000	2.7400	50.000	mg/L	10000	5/2/2010
1,1-Dichloroethene	< 50.000	2.7000	50.000	mg/L	10000	5/2/2010
Chloroform	< 50.000	2.3600	50.000	mg/L	10000	5/2/2010
Carbon tetrachloride	< 50.000	4.3800	50.000	mg/L	10000	5/2/2010
2-Butanone	< 50.000	7.5500	50.000	mg/L	10000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
 II Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-005

Client Sample ID: MS05
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOC TCLP							
				SW8260B			Analyst: IR
Benzene	< 50.000	2.8800	50.000	mg/L	10000	5/2/2010	
1,2-Dichloroethane	< 50.000	2.9400	50.000	mg/L	10000	5/2/2010	
Trichloroethene	< 50.000	2.0100	50.000	mg/L	10000	5/2/2010	
Toluene	425.36	2.0300	50.000	mg/L	10000	5/2/2010	
Tetrachloroethene	30.431	5.3100	50.000	J mg/L	10000	5/2/2010	
Chlorobenzene	< 50.000	2.0500	50.000	mg/L	10000	5/2/2010	
Ethylbenzene	159.25	2.5800	50.000	mg/L	10000	5/2/2010	
Xylenes, Total	929.71	6.5700	150.00	mg/L	10000	5/2/2010	
1,4-Dichlorobenzene	< 50.000	2.0300	50.000	mg/L	1	5/2/2010	
Surr: 1,2-Dichloroethane-d4	103	0		%REC	1	5/2/2010	
Surr: Toluene-d8	101	0		%REC	1	5/2/2010	
Surr: 4-Bromofluorobenzene	97.9	0		%REC	1	5/2/2010	
NOTES:							
Analysis was completed at a 1:10000 dilution.							
FLASH POINT							
FLASH	132.0	1.000	1.000	°F	1	5/4/2010	Analyst: JG

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-006

Client Sample ID: MS06
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
METALS BY GRAPHITE FURNACE							
Arsenic	< 150	35.2	150		µg/L	50	4/28/2010
Selenium	< 250	71.5	250		µg/L	50	4/27/2010
NOTES: Analysis was completed using a 1:50 dilution.							
MERCURY, TCLP							
TCLP_HG	< 0.0020	0.00030	0.0020		mg/L	1	5/3/2010
MERCURY							
Mercury	19	1.4	5.0		µg/L	25	5/3/2010
NOTES: Analysis was completed using a 1:25 dilution.							
ICP METALS, TOTAL							
Barium	23400	57.5	500	J	µg/L	50	4/27/2010
Cadmium	264	65.0	500	J	µg/L	50	4/27/2010
Chromium	2740	152	500	J	µg/L	50	4/27/2010
Lead	11200	120	500	J	µg/L	50	4/27/2010
Silver	297	100	500	J	µg/L	50	4/27/2010
NOTES: Analysis was completed using a dilution of 1:50							
ICP METALS, TCLP							
Arsenic	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Barium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Cadmium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Chromium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Lead	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Selenium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Silver	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
VOLATILE ORGANICS							
Chloromethane	< 20000	2240	20000		µg/L	20000	5/2/2010
Vinyl chloride	< 40000	5480	40000		µg/L	20000	5/2/2010
Bromomethane	< 20000	12400	20000		µg/L	20000	5/2/2010
Chloroethane	< 20000	7440	20000		µg/L	20000	5/2/2010
Trichlorofluoromethane	< 40000	11900	40000		µg/L	20000	5/2/2010
Acrolein	< 200000	10700	200000		µg/L	20000	5/2/2010
1,1-Dichloroethene	< 20000	10400	20000		µg/L	20000	5/2/2010
Acetone	< 200000	100000	200000		µg/L	20000	5/2/2010
Iodomethane	< 20000	7420	20000		µg/L	20000	5/2/2010
Carbon disulfide	< 20000	7920	20000		µg/L	20000	5/2/2010

Qualifiers:
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-006

Client Sample ID: MS06
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS							
			SW8260B				Analyst: IR
Acetonitrile	< 400000	69000	400000	μg/L	20000	5/2/2010	
Methylene chloride	190000	6080	100000	μg/L	20000	5/2/2010	
Methyl tert-butyl ether	< 40000	7540	40000	μg/L	20000	5/2/2010	
trans-1,2-Dichloroethene	< 40000	4280	40000	μg/L	20000	5/2/2010	
Acrylonitrile	< 200000	18000	200000	μg/L	20000	5/2/2010	
1,1-Dichloroethane	< 20000	5400	20000	μg/L	20000	5/2/2010	
Vinyl acetate	< 200000	8620	200000	μg/L	20000	5/2/2010	
cis-1,2-Dichloroethene	< 20000	4460	20000	μg/L	20000	5/2/2010	
2-Butanone	< 20000	15100	200000	μg/L	20000	5/2/2010	
Bromochloromethane	< 20000	4140	20000	μg/L	20000	5/2/2010	
Tetrahydrofuran	< 40000	20000	40000	μg/L	20000	5/2/2010	
Chloroform	< 20000	4720	20000	μg/L	20000	5/2/2010	
1,1,1-Trichloroethane	< 20000	6760	20000	μg/L	20000	5/2/2010	
Carbon tetrachloride	< 20000	8760	20000	μg/L	20000	5/2/2010	
1,1-Dichloropropene	< 20000	6060	20000	μg/L	20000	5/2/2010	
Benzene	< 20000	5760	20000	μg/L	20000	5/2/2010	
1,2-Dichloroethane	< 20000	5880	20000	μg/L	20000	5/2/2010	
Trichloroethene	< 40000	4020	40000	μg/L	20000	5/2/2010	
1,2-Dichloropropane	< 20000	6300	20000	μg/L	20000	5/2/2010	
Methyl Methacrylate	< 400000	56400	400000	μg/L	20000	5/2/2010	
Dibromomethane	< 20000	5300	20000	μg/L	20000	5/2/2010	
Bromodichloromethane	< 20000	4940	20000	μg/L	20000	5/2/2010	
2-Chloroethyl vinyl ether	< 200000	12800	200000	μg/L	20000	5/2/2010	
cis-1,3-Dichloropropene	< 20000	4240	20000	μg/L	20000	5/2/2010	
4-Methyl-2-pentanone	< 200000	28400	200000	μg/L	20000	5/2/2010	
Toluene	705000	4060	40000	μg/L	20000	5/2/2010	
trans-1,3-Dichloropropene	< 40000	6020	40000	μg/L	20000	5/2/2010	
1,1,2-Trichloroethane	< 20000	5060	20000	μg/L	20000	5/2/2010	
Tetrachloroethene	67300	10600	40000	μg/L	20000	5/2/2010	
1,3-Dichloropropane	< 20000	5780	20000	μg/L	20000	5/2/2010	
2-Hexanone	< 200000	13400	200000	μg/L	20000	5/2/2010	
Dibromochloromethane	< 20000	4380	20000	μg/L	20000	5/2/2010	
1,2-Dibromoethane	< 20000	6240	20000	μg/L	20000	5/2/2010	
Chlorobenzene	< 20000	4100	20000	μg/L	20000	5/2/2010	
Ethylbenzene	306000	5160	20000	μg/L	20000	5/2/2010	
1,1,1,2-Tetrachloroethane	< 20000	5560	20000	μg/L	20000	5/2/2010	
m,p-Xylene	1240000	8280	40000	μg/L	20000	5/2/2010	
o-Xylene	484000	4860	20000	μg/L	20000	5/2/2010	
Xylenes, Total	1720000	13100	60000	μg/L	20000	5/2/2010	
Styrene	< 40000	4820	40000	μg/L	20000	5/2/2010	

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual Integration used to determine area response
 S Spike Recovery outside accepted recovery limits

 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-006

Client Sample ID: MS06
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS

		SW8260B			Analyst: IR	
Bromoform	< 20000	4260	20000	µg/L	20000	5/2/2010
Isopropylbenzene	194000	2380	20000	µg/L	20000	5/2/2010
trans-1,4-Dichloro-2-butene	< 40000	23000	40000	µg/L	20000	5/2/2010
1,1,2,2-Tetrachloroethane	< 20000	4800	20000	µg/L	20000	5/2/2010
Bromobenzene	< 20000	5680	20000	µg/L	20000	5/2/2010
n-Propylbenzene	924000	4360	40000	µg/L	20000	5/2/2010
1,2,3-Trichloropropane	< 20000	4420	20000	µg/L	20000	5/2/2010
2-Chlorotoluene	< 20000	5880	20000	µg/L	20000	5/2/2010
1,3,5-Trimethylbenzene	2190000	5020	20000	µg/L	20000	5/2/2010
4-Chlorotoluene	< 20000	4100	20000	µg/L	20000	5/2/2010
tert-Butylbenzene	< 40000	4580	40000	µg/L	20000	5/2/2010
1,2,4-Trimethylbenzene	9260000	13800	50000	µg/L	50000	5/2/2010
sec-Butylbenzene	< 40000	5440	40000	µg/L	20000	5/2/2010
4-Isopropyltoluene	64700	4240	20000	µg/L	20000	5/2/2010
1,3-Dichlorobenzene	< 20000	4040	20000	µg/L	20000	5/2/2010
1,4-Dichlorobenzene	< 20000	4060	20000	µg/L	20000	5/2/2010
n-Butylbenzene	< 40000	5100	40000	µg/L	20000	5/2/2010
1,2-Dichlorobenzene	< 20000	4280	20000	µg/L	20000	5/2/2010
1,2-Dibromo-3-chloropropane	< 100000	11000	100000	µg/L	20000	5/2/2010
1,2,4-Trichlorobenzene	< 20000	7940	20000	µg/L	20000	5/2/2010
Hexachlorobutadiene	< 20000	10300	20000	µg/L	20000	5/2/2010
Naphthalene	488000	12200	200000	µg/L	20000	5/2/2010
1,2,3-Trichlorobenzene	< 20000	7940	20000	µg/L	20000	5/2/2010
2,2-Dichloropropane	< 20000	5420	20000	µg/L	20000	5/2/2010
cis-1,4-Dichloro-2-butene	< 40000	7120	40000	µg/L	20000	5/2/2010
Hexachloroethane	< 40000	40000	40000	µg/L	20000	5/2/2010
Surr: 1,2-Dichloroethane-d4	101	2.00		%REC	1	5/2/2010
Surr: Toluene-d8	103	2.00		%REC	1	5/2/2010
Surr: 4-Bromofluorobenzene	101	2.00		%REC	1	5/2/2010

NOTES:

1,2,4-Trimethylbenzene was analyzed at a 1:50000 dilution.

Analysis was completed using a 1:20000 dilution.

VOC TCLP

		SW8260B			Analyst: IR	
Vinyl chloride	< 50.000	2.7400	50.000	mg/L	10000	5/2/2010
1,1-Dichloroethene	< 50.000	2.7000	50.000	mg/L	10000	5/2/2010
Chloroform	< 50.000	2.3600	50.000	mg/L	10000	5/2/2010
Carbon tetrachloride	< 50.000	4.3800	50.000	mg/L	10000	5/2/2010
2-Butanone	< 50.000	7.5500	50.000	mg/L	10000	5/2/2010
Benzene	< 50.000	2.8800	50.000	mg/L	10000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
II Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-006

Client Sample ID: MS06
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOC TCLP							
					SW8260B		Analyst: IR
1,2-Dichloroethane	< 50.000	2.9400	50.000		mg/L	10000	5/2/2010
Trichloroethene	< 50.000	2.0100	50.000		mg/L	10000	5/2/2010
Toluene	199.94	2.0300	50.000	J	mg/L	10000	5/2/2010
Tetrachloroethene	25.210	5.3100	50.000	J	mg/L	10000	5/2/2010
Chlorobenzene	< 50.000	2.0500	50.000		mg/L	10000	5/2/2010
Ethylbenzene	151.03	2.5800	50.000		mg/L	10000	5/2/2010
Xylenes, Total	932.87	6.5700	150.00		mg/L	10000	5/2/2010
1,4-Dichlorobenzene	< 50.000	2.0300	50.000		mg/L	10000	5/2/2010
Surr: 1,2-Dichloroethane-d4	101	0			%REC	1	5/2/2010
Surr: Toluene-d8	102	0			%REC	1	5/2/2010
Surr: 4-Bromofluorobenzene	99.1	0			%REC	1	5/2/2010
NOTES:							
Analysis was completed at a 1:10000 dilution.							
FLASH POINT							
FLASH	137.0	1.000	1.000	°F		1	Analyst: JG 5/4/2010

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 M Manual integration used to determine area response
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-007

Client Sample ID: MS07
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
METALS BY GRAPHITE FURNACE							
Arsenic	< 150	35.2	150		µg/L	50	4/28/2010
Selenium	< 250	71.5	250		µg/L	50	4/27/2010
NOTES: Analysis was completed using a 1:50 dilution.							
MERCURY, TCLP							
TCLP_HG	< 0.0020	0.00030	0.0020		mg/L	1	5/3/2010
MERCURY							
Mercury	10	1.4	5.0		µg/L	25	5/3/2010
NOTES: Analysis was completed using a 1:25 dilution.							
ICP METALS, TOTAL							
Barium	240000	575	5000		µg/L	500	4/27/2010
Cadmium	615	65.0	500		µg/L	50	4/27/2010
Chromium	11000	152	500		µg/L	50	4/27/2010
Lead	23200	120	500		µg/L	50	4/27/2010
Silver	1160	100	500		µg/L	50	4/27/2010
NOTES: Barium was analyzed using a 1:500 dilution. Analysis of remaining metals was completed using a 1:50 dilution.							
ICP METALS, TCLP							
Arsenic	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Barium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Cadmium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Chromium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Lead	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Selenium	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
Silver	< 0.0500	0.0500	0.0500		mg/L	1	4/29/2001
VOLATILE ORGANICS							
Chloromethane	< 2000	224	2000		µg/L	2000	5/2/2010
Vinyl chloride	< 4000	548	4000		µg/L	2000	5/2/2010
Bromomethane	< 2000	1240	2000		µg/L	2000	5/2/2010
Chloroethane	< 2000	744	2000		µg/L	2000	5/2/2010
Trichlorofluoromethane	< 4000	1190	4000		µg/L	2000	5/2/2010
Acrolein	< 20000	1070	20000		µg/L	2000	5/2/2010
1,1-Dichloroethene	< 2000	1040	2000		µg/L	2000	5/2/2010
Acetone	< 20000	10000	20000		µg/L	2000	5/2/2010
Iodomethane	< 2000	742	2000		µg/L	2000	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
 Lab Order: 1004440
 Project: ASW042210 Multiservice
 Lab ID: 1004440-007

Client Sample ID: MS07
 Collection Date: 4/22/2010
 Project Contact: Jeff Smith
 Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS							
			SW8260B				Analyst: IR
Carbon disulfide	< 2000	792	2000	μg/L	2000	5/2/2010	
Acetonitrile	< 40000	6900	40000	μg/L	2000	5/2/2010	
Methylene chloride	< 10000	608	10000	μg/L	2000	5/2/2010	
Methyl tert-butyl ether	< 4000	754	4000	μg/L	2000	5/2/2010	
trans-1,2-Dichloroethene	< 4000	428	4000	μg/L	2000	5/2/2010	
Acrylonitrile	< 20000	1800	20000	μg/L	2000	5/2/2010	
1,1-Dichloroethane	< 2000	540	2000	μg/L	2000	5/2/2010	
Vinyl acetate	< 20000	862	20000	μg/L	2000	5/2/2010	
cis-1,2-Dichloroethene	< 2000	446	2000	μg/L	2000	5/2/2010	
2-Butanone	< 20000	1510	20000	μg/L	2000	5/2/2010	
Bromochloromethane	< 2000	414	2000	μg/L	2000	5/2/2010	
Tetrahydrofuran	< 4000	2000	4000	μg/L	2000	5/2/2010	
Chloroform	< 2000	472	2000	μg/L	2000	5/2/2010	
1,1,1-Trichloroethane	< 2000	676	2000	μg/L	2000	5/2/2010	
Carbon tetrachloride	< 2000	876	2000	μg/L	2000	5/2/2010	
1,1-Dichloropropene	< 2000	606	2000	μg/L	2000	5/2/2010	
Benzene	< 2000	576	2000	μg/L	2000	5/2/2010	
1,2-Dichloroethane	< 2000	588	2000	μg/L	2000	5/2/2010	
Trichloroethene	< 4000	402	4000	μg/L	2000	5/2/2010	
1,2-Dichloropropane	< 2000	630	2000	μg/L	2000	5/2/2010	
Methyl Methacrylate	< 40000	5640	40000	μg/L	2000	5/2/2010	
Dibromomethane	< 2000	530	2000	μg/L	2000	5/2/2010	
Bromodichloromethane	< 2000	494	2000	μg/L	2000	5/2/2010	
2-Chloroethyl vinyl ether	< 20000	1280	20000	μg/L	2000	5/2/2010	
cis-1,3-Dichloropropene	< 2000	424	2000	μg/L	2000	5/2/2010	
4-Methyl-2-pentanone	< 20000	2840	20000	μg/L	2000	5/2/2010	
Toluene	52200	406	4000	μg/L	2000	5/2/2010	
trans-1,3-Dichloropropene	< 4000	602	4000	μg/L	2000	5/2/2010	
1,1,2-Trichloroethane	< 2000	506	2000	μg/L	2000	5/2/2010	
Tetrachloroethene	2840	1060	4000	μg/L	2000	5/2/2010	
1,3-Dichloropropane	< 2000	578	2000	μg/L	2000	5/2/2010	
2-Hexanone	< 20000	1340	20000	μg/L	2000	5/2/2010	
Dibromochloromethane	< 2000	438	2000	μg/L	2000	5/2/2010	
1,2-Dibromoethane	< 2000	624	2000	μg/L	2000	5/2/2010	
Chlorobenzene	< 2000	410	2000	μg/L	2000	5/2/2010	
Ethylbenzene	9580	516	2000	μg/L	2000	5/2/2010	
1,1,1,2-Tetrachloroethane	< 2000	556	2000	μg/L	2000	5/2/2010	
m,p-Xylene	32400	828	4000	μg/L	2000	5/2/2010	
o-Xylene	11100	486	2000	μg/L	2000	5/2/2010	
Xylenes, Total	43500	1310	6000	μg/L	2000	5/2/2010	

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- M Manual Integration used to determine area response
- S Spike Recovery outside accepted recovery limits

- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-007

Client Sample ID: MS07
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS

		SW8260B			Analyst: IR	
Styrene	< 4000	482	4000	µg/L	2000	5/2/2010
Bromoform	< 2000	426	2000	µg/L	2000	5/2/2010
Isopropylbenzene	3110	238	2000	µg/L	2000	5/2/2010
trans-1,4-Dichloro-2-butene	< 4000	2300	4000	µg/L	2000	5/2/2010
1,1,2,2-Tetrachloroethane	< 2000	480	2000	µg/L	2000	5/2/2010
Bromobenzene	< 2000	568	2000	µg/L	2000	5/2/2010
n-Propylbenzene	15700	436	4000	µg/L	2000	5/2/2010
1,2,3-Trichloropropane	< 2000	442	2000	µg/L	2000	5/2/2010
2-Chlorotoluene	< 2000	588	2000	µg/L	2000	5/2/2010
1,3,5-Trimethylbenzene	31100	502	2000	µg/L	2000	5/2/2010
4-Chlorotoluene	< 2000	410	2000	µg/L	2000	5/2/2010
tert-Butylbenzene	< 4000	458	4000	µg/L	2000	5/2/2010
1,2,4-Trimethylbenzene	91700	554	2000	µg/L	2000	5/2/2010
sec-Butylbenzene	< 4000	544	4000	µg/L	2000	5/2/2010
4-Isopropyltoluene	< 2000	424	2000	µg/L	2000	5/2/2010
1,3-Dichlorobenzene	< 2000	404	2000	µg/L	2000	5/2/2010
1,4-Dichlorobenzene	< 2000	406	2000	µg/L	2000	5/2/2010
n-Butylbenzene	< 4000	510	4000	µg/L	2000	5/2/2010
1,2-Dichlorobenzene	< 2000	428	2000	µg/L	2000	5/2/2010
1,2-Dibromo-3-chloropropane	< 10000	1100	10000	µg/L	2000	5/2/2010
1,2,4-Trichlorobenzene	< 2000	794	2000	µg/L	2000	5/2/2010
Hexachlorobutadiene	< 2000	1030	2000	µg/L	2000	5/2/2010
Naphthalene	< 20000	1220	20000	µg/L	2000	5/2/2010
1,2,3-Trichlorobenzene	< 2000	794	2000	µg/L	2000	5/2/2010
2,2-Dichloropropane	< 2000	542	2000	µg/L	2000	5/2/2010
cis-1,4-Dichloro-2-butene	< 4000	712	4000	µg/L	2000	5/2/2010
Hexachloroethane	< 4000	4000	4000	µg/L	2000	5/2/2010
Surr: 1,2-Dichloroethane-d4	100	2.00		%REC	1	5/2/2010
Surr: Toluene-d8	104	2.00		%REC	1	5/2/2010
Surr: 4-Bromofluorobenzene	108	2.00		%REC	1	5/2/2010

NOTES:

Analysis was completed using a 1:2000 dilution.

VOC TCLP

		SW8260B			Analyst: IR	
Vinyl chloride	< 0.50000	0.027400	0.50000	mg/L	100	5/2/2010
1,1-Dichloroethene	< 0.50000	0.027000	0.50000	mg/L	100	5/2/2010
Chloroform	< 0.50000	0.023600	0.50000	mg/L	100	5/2/2010
Carbon tetrachloride	< 0.50000	0.043800	0.50000	mg/L	100	5/2/2010
2-Butanone	< 0.50000	0.075500	0.50000	mg/L	100	5/2/2010
Benzene	< 0.50000	0.028800	0.50000	mg/L	100	5/2/2010

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
X Value exceeds Maximum Contaminant Level

Pace Analytical Services Inc.

Date: 06-May-10

CLIENT: EPA Southwest District Office
Lab Order: 1004440
Project: ASW042210 Multiservice
Lab ID: 1004440-007

Client Sample ID: MS07
Collection Date: 4/22/2010
Project Contact: Jeff Smith
Matrix: WASTE

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOC TCLP							
					SW8260B		
1,2-Dichloroethane	< 0.50000	0.029400	0.50000		mg/L	100	5/2/2010
Trichloroethene	< 0.50000	0.020100	0.50000		mg/L	100	5/2/2010
Toluene	4.9364	0.020300	0.50000		mg/L	100	5/2/2010
Tetrachloroethene	< 0.50000	0.053100	0.50000		mg/L	100	5/2/2010
Chlorobenzene	< 0.50000	0.020500	0.50000		mg/L	100	5/2/2010
Ethylbenzene	0.45645	0.025800	0.50000	J	mg/L	100	5/2/2010
Xylenes, Total	2.1300	0.065700	1.5000		mg/L	100	5/2/2010
1,4-Dichlorobenzene	< 0.50000	0.020300	0.50000		mg/L	100	5/2/2010
Surr: 1,2-Dichloroethane-d4	114	0			%REC	1	5/2/2010
Surr: Toluene-d8	105	0			%REC	1	5/2/2010
Surr: 4-Bromofluorobenzene	114	0			%REC	1	5/2/2010
NOTES:							
Analysis was completed at a 1:100 dilution.							
FLASH POINT							
FLASH	>140	1.000	1.000		°F	1	Analyst: JG 5/4/2010

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
X Value exceeds Maximum Contaminant Level